

## **PIXEL LAYOUT FOR CMOS IMAGE SENSOR**

### **ABSTRACT OF THE DISCLOSURE**

A novel CMOS image unit pixel layout having a photodiode including an optically optimized square image sensing region. The square image sensing layout provides  
5 for reduced electrical and color crosstalk and improved modulation transfer function (MTF) between neighboring pixels of an array of pixels.

SF 1035450 v1

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